MainActivity.java

```java
package pplg1.latihan;

import android.support.v7.app.ActionBarActivity;
import android.app.AlertDialog;
import android.content.Intent;
import android.database.Cursor;
import android.media.*;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;


public class MainActivity extends ActionBarActivity {
    MediaPlayer mp;
    EditText nis,nama;
    Button proses,pindah,personn,phone,tambah,tampil,ubah; //
    TextView hasil;
    RadioButton laki;
    RadioButton perempuan;
    CheckBox pro,web,it,admin;
    Spinner jurusan;
    String kelamin,minat,kompetensi;
    String[] pilihan = {"ANM","DKV","RPL","AKT","BDP"};
    DatabaseHelper SiswaDB;


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        SiswaDB = new DatabaseHelper(this);
        tambah = (Button) findViewById(R.id.btnTambah);
        tampil = (Button) findViewById(R.id.btnTampil);
        ubah = (Button) findViewById(R.id.btnUbah);
        viewAll();//
        nis = (EditText) findViewById(R.id.txtNis);
        nama = (EditText) findViewById(R.id.txtNama);
        laki = (RadioButton) findViewById(R.id.rbLaki);
        perempuan = (RadioButton) findViewById(R.id.rbPerempuan);
        proses = (Button) findViewById(R.id.btnProses);
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        pindah= (Button) findViewById(R.id.btnPindah);
        personn = (Button) findViewById(R.id.btnperson);
        phone = (Button) findViewById(R.id.btnPhone);
        pro = (CheckBox) findViewById(R.id.cbPro);
        web = (CheckBox) findViewById(R.id.cbWeb);
        it = (CheckBox) findViewById(R.id.cbIt);
        admin = (CheckBox) findViewById(R.id.cbAdmin);
        jurusan = (Spinner) findViewById(R.id.spJurusan);
        ArrayAdapter<String> adapter = new ArrayAdapter<String>(
                this, android.R.layout.simple_spinner_item,pilihan);

adapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        jurusan.setAdapter(adapter);

        ubah.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                boolean IsUpdate =
SiswaDB.updateData(nis.getText().toString(),
                        nama.getText().toString());

                if(IsUpdate == true){
                    Toast.makeText(MainActivity.this,"Ubah Data
Berhasil",Toast.LENGTH_SHORT).show();
                }else{
                    Toast.makeText(MainActivity.this,"Ubah Data
Gagal",Toast.LENGTH_SHORT).show();
                }
            }
        });

        tambah.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                boolean IsInserted =
SiswaDB.insertData(nis.getText().toString(),
                        nama.getText().toString());

                if(IsInserted == true){
                    Toast.makeText(MainActivity.this,"Data
Tersimpan",Toast.LENGTH_SHORT).show();
                }else{
                    Toast.makeText(MainActivity.this,"Gagal
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Tersimpan",Toast.LENGTH_SHORT).show();
                }
            }
        });

        proses.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                if (laki.isChecked()){
                    kelamin = "Laki-Laki";
                }else{
                    kelamin = "Perempuan";
                }

                if (pro.isChecked()){
                    minat = pro.getText()+"\n";
                }if (web.isChecked()){
                    minat += web.getText()+"\n";
                }if (it.isChecked()){
                    minat += it.getText()+"\n";
                }else{
                    minat += admin.getText()+"\n";
                }

                kompetensi = jurusan.getSelectedItem().toString();

                String hasil = "NIS= "+nis.getText()+
                        "\nNAMA ANDA= "+nama.getText()+
                        "\nGENDER= "+kelamin+
                        "\nMINAT= "+minat+
                        "\nJURUSAN= "+kompetensi;

                //fungsi untuk menampilkan pop-up
                Toast.makeText(getApplication(), hasil,
Toast.LENGTH_SHORT).show();
            }
        });

        pindah.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View v) {
                // TODO Auto-generated method stub
                    Intent pindahData = new Intent(MainActivity.this,
Halaman.class);
                    pindahData.putExtra(Halaman.EXTRA_NAME, "Nama Anda");
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                pindahData.putExtra(Halaman.EXTRA_AGE, 5);
                startActivity(pindahData);
            }
        });

        personn.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                Person person = new Person();
                person.setName("Prayoga");
                person.setAge(17);
                person.setEmail("prayoga@gmail.com");
                person.setCity("Bandung");
                Intent pindah_person = new Intent(MainActivity.this,
Personal.class);
                pindah_person.putExtra(Personal.EXTRA_PERSON, person);
                startActivity(pindah_person);
            }
        });

        phone.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
            String phone="085221983602";
            Intent dialPhone = new Intent(Intent.ACTION_DIAL,
Uri.parse("tel:" + phone));
            startActivity(dialPhone);
            }
        });

    }

    private void viewAll() {
        // TODO Auto-generated method stub
        tampil.setOnClickListener(new View.OnClickListener(){
            @Override
            public void onClick(View arg0) {
                // TODO Auto-generated method stub
                Cursor res = SiswaDB.getAllData();
                if(res.getCount()==0){
                    showMessage("Error","Tidak Ditemukan");//
                }else{
                    StringBuffer buffer = new StringBuffer();
                    while(res.moveToNext()){
                        buffer.append("NIS : "+res.getString(0)+"\n");
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                buffer.append("Nama : "+res.getString(1)+"\n");
            }
            showMessage("Siswa",buffer.toString());//
        }
    }
});
    }

    public void showMessage(String title, String message){
        AlertDialog.Builder builder = new AlertDialog.Builder(this);
        builder.setCancelable(true);
        builder.setTitle(title);
        builder.setMessage(message);
        builder.show();
    }

}
```